

Multimedia Appendix 4. Moderator analyses of health literacy outcomes by country

| | UK only | | | | Other countries | | | |
|---|--------------|---------------|--------------------------------|-----------------------------------|-----------------|-------------|--------------------------------|-----------------------------------|
| | Plain text | Interactive | Univariate difference (95% CI) | Multivariate difference (95% CI)* | Plain text | Interactive | Univariate difference (95% CI) | Multivariate difference (95% CI)* |
| Diabetes knowledge (mean (SD)) | 8.02 (1.2) | 8.8 (0.4) | 0.83 (0.65, 1.00; p<0.001) | 0.83 (0.66, 1.00; p<0.001) | 7.9 (1.0) | 8.6 (0.8) | 0.69 (0.42, 0.95; p<0.001) | 0.68 (0.41, 0.95; p<0.001) |
| Diabetes knowledge score of 9 compared to lower score | 89/202 (44%) | 174/202 (86%) | 7.89 (4.85, 12.83; p<0.001) | 8.64 (5.17, 14.43; p<0.001) | 35/101 (35%) | 54/77 (70%) | 4.43 (2.34, 8.37; p<0.001) | 4.68 (2.36, 9.30; p<0.001) |
| Patient Enablement Instrument (mean (SD)) | 8.0 (3.2) | 7.9 (3.1) | -0.12 (-0.63, 0.38; p=0.631) | -0.11 (-0.62, -0.40; p=0.664) | 6.6 (2.7) | 6.9 (2.6) | 0.38 (-0.29, 1.06; p=0.264) | 0.38 (-0.31, 1.07; p=0.285) |

*All analyses control for possible confounding by age, gender, time since diagnosis, age left education, health literacy and for clustering by country.